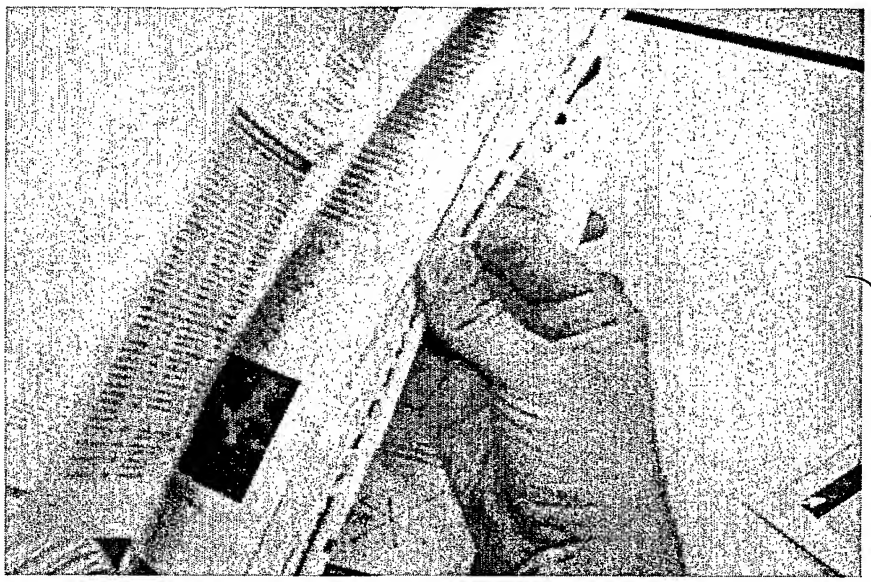
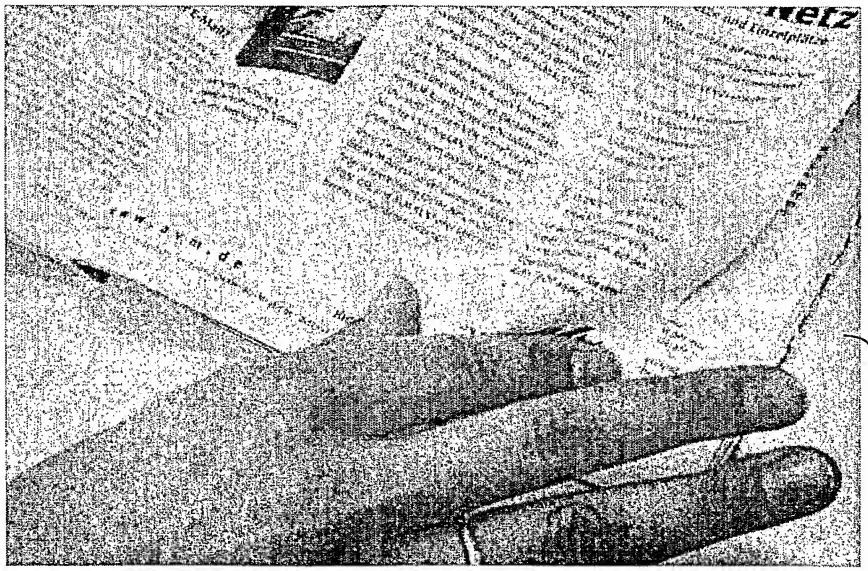
FIG 1a



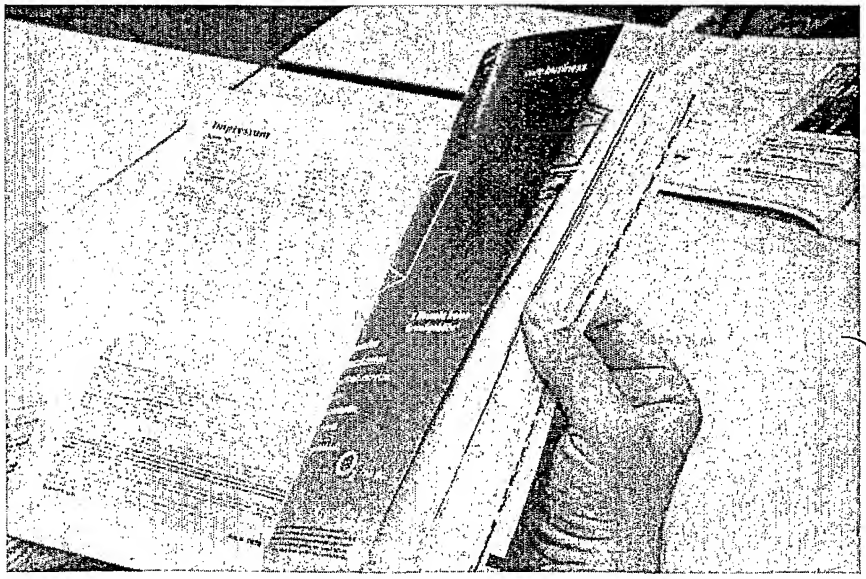
100a

FIG 1b



100b

FIG 1c



100c

FIG 1d

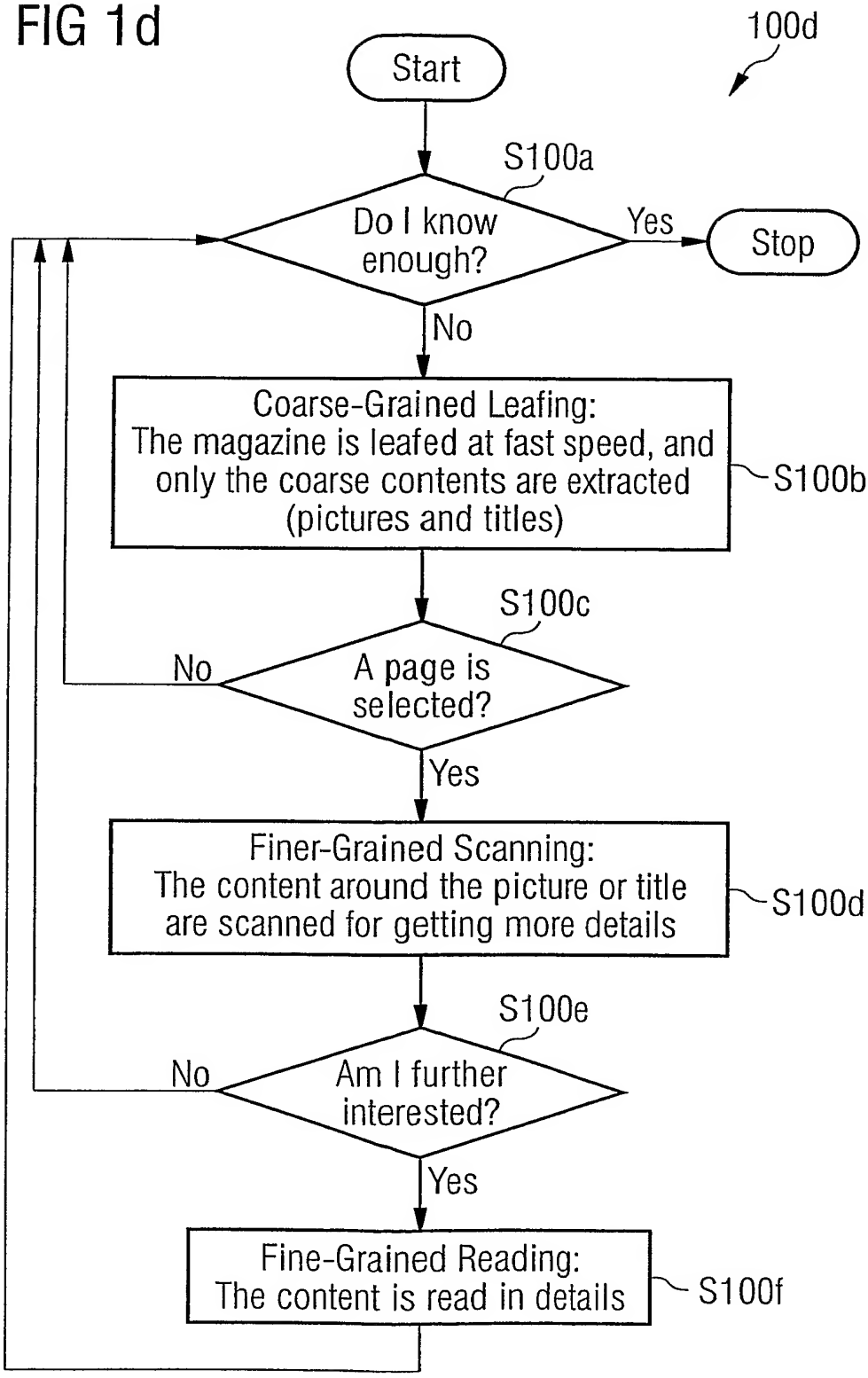
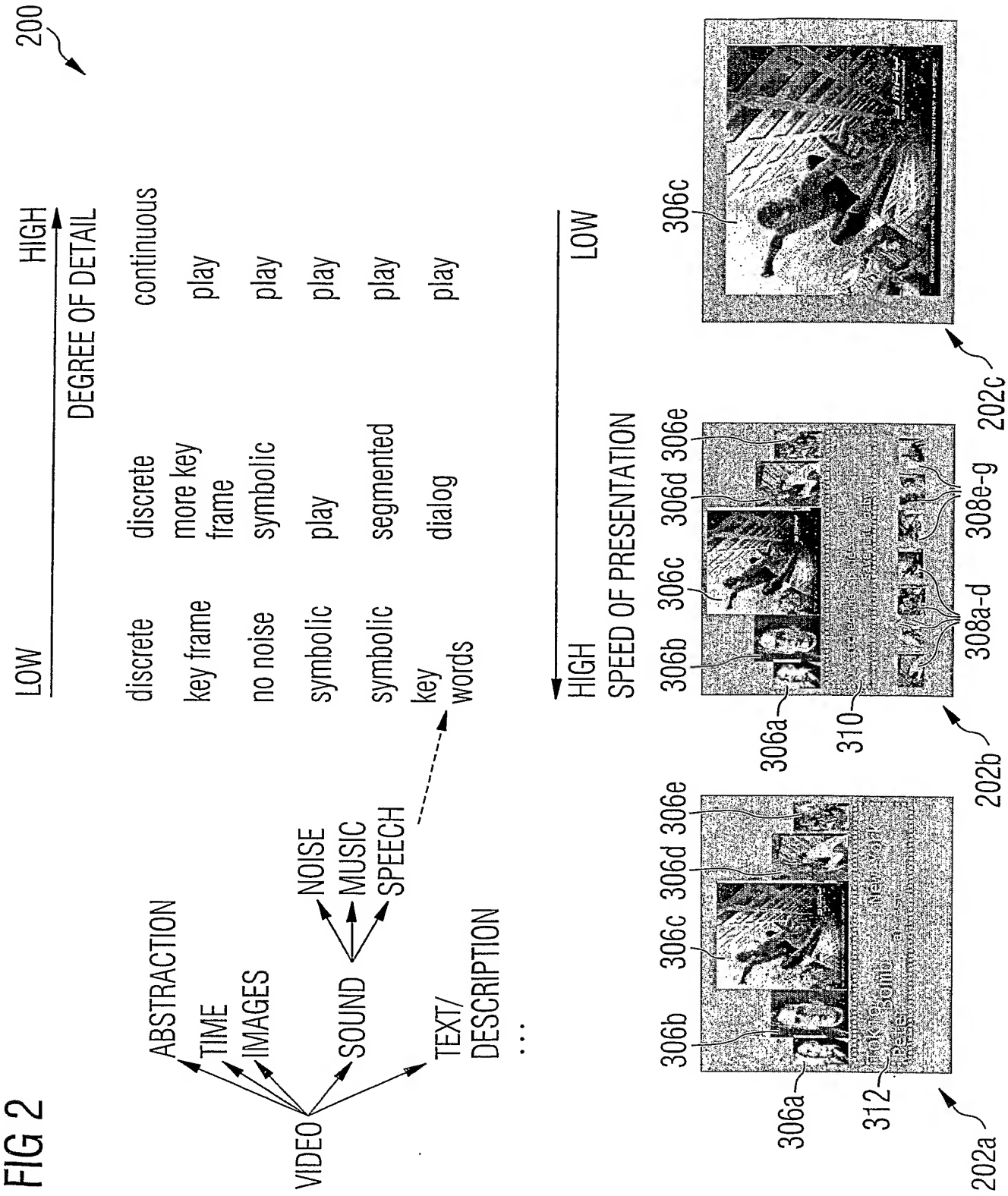

100d
Start
S100a
Do I know enough?
Yes
Stop
No
Coarse-Grained Leafing:
The magazine is leafed at fast speed, and only the coarse contents are extracted (pictures and titles)
S100b
S100c
No
A page is selected?
Yes
Finer-Grained Scanning:
The content around the picture or title are scanned for getting more details
S100d
S100e
No
Am I further interested?
Yes
Fine-Grained Reading:
The content is read in details
S100f

FIG 2


200
LOW
HIGH
DEGREE OF DETAIL
ABSTRACTION
TIME
IMAGES
VIDEO
SOUND
NOISE
MUSIC
SPEECH
TEXT/
DESCRIPTION
...
discrete
key frame
no noise
symbolic
symbolic
key words
discrete
more key frame
symbolic
play
segmented
dialog
continuous
play
play
play
play
LOW
HIGH
SPEED OF PRESENTATION
306a
306b
306c
306d
306e
306c
310
312
202a
202b
202c
308a-d
308e-g

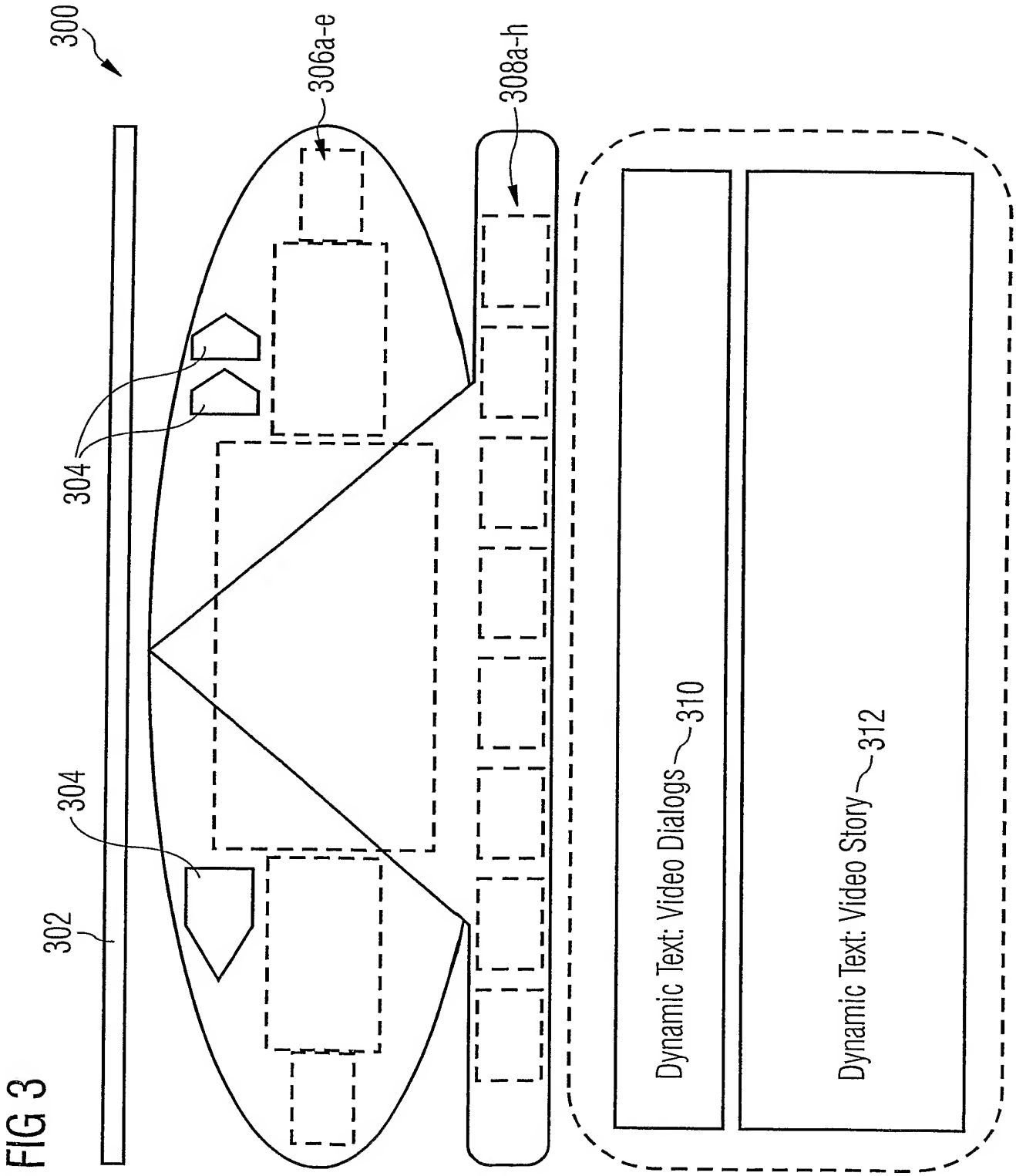

300
306a-e
308a-h
304
304
302
Dynamic Text: Video Dialogs
310
Dynamic Text: Video Story
312

FIG 3

FIG 4

400

```
- <video duration="[seconds]">
  - <scenes number=" ">
    - <scene title="The Matrix" begin="0" end="89" keyframes=" ">
      <summary keywords=" ">A hyperspace travel in the Matrix end up on a work recording clock</summary>
      - <soundtracks number=" ">
        <soundtrack begin="0" end="89" />
       </soundtracks>
       <dialog number="0" />
      </scene>
    + <scene title="Trinity enters in the Matrix" begin="89" end="164" keyframes=" ">
    + <scene title="Trinity Free Fall" begin="164" end="263" keyframes="250-350-399">
    - <scene title="Wake up Neo" begin="263" end="378" keyframes=" ">
       <summary keywords=" ">Neo wakes up on the Nabuccadanasser ship. Was it a dream? Is Trinity dead? It was damn real. On the deck of the ship,
        Morpheus asks his new operator, Link, to confirm his own trust.</summary>
      - <soundtracks number=" ">
        <soundtrack begin=" " end=" " />
       </soundtracks>
      - <dialog number=" ">
         <dialog speaker="Link" begin="356" end="357" keywords=" ">Sir, are you sure about this?</dialog>
         <dialog speaker="Morpheus" begin="357" end="358" keywords=" ">I told you, we're going to be all right.</dialog>
         <dialog speaker="Link" begin="358" end="359" keywords=" ">I understand, sir, it's just that... I'm scoping some serious sentinel activity up
          here,</dialog>
         <dialog speaker="Morpheus" begin="362" end="363" keywords=" ">Link</dialog>
         <dialog speaker="Link" begin="364" end="364" keywords=" ">Yes Sir?</dialog>
         <dialog speaker="Morpheus begin="365" end="370" keywords=" ">Given your situation, I can't say I fully understand your reasons for volunteering to
          operate onboard my ship. However, if you wish to continue to do so, I must ask you to do one thing.</dialog>
         <dialog speaker="Link" begin="371" end="371" keywords=" ">What's that, Sir?</dialog>
         <dialog speaker="Morpheus" begin="372" end="372" keywords=" ">To trust me.</dialog>
         <dialog speaker="Link" begin="373" end="374" keywords=" ">Yes, Sir, I will, Sir... I mean, I do, Sir.</dialog>
         <dialog speaker="Morpheus" begin="375" end="377" keywords=" ">I hope so. Now re-patch the main AC to the hard drives and stand by to
          broadcast.</dialog>
         <dialog speaker="Link" begin="378" end="378" keywords=" ">Yes, Sir.</dialog>
       </dialogs>
     </scene>
   </scenes>
 </video>
```

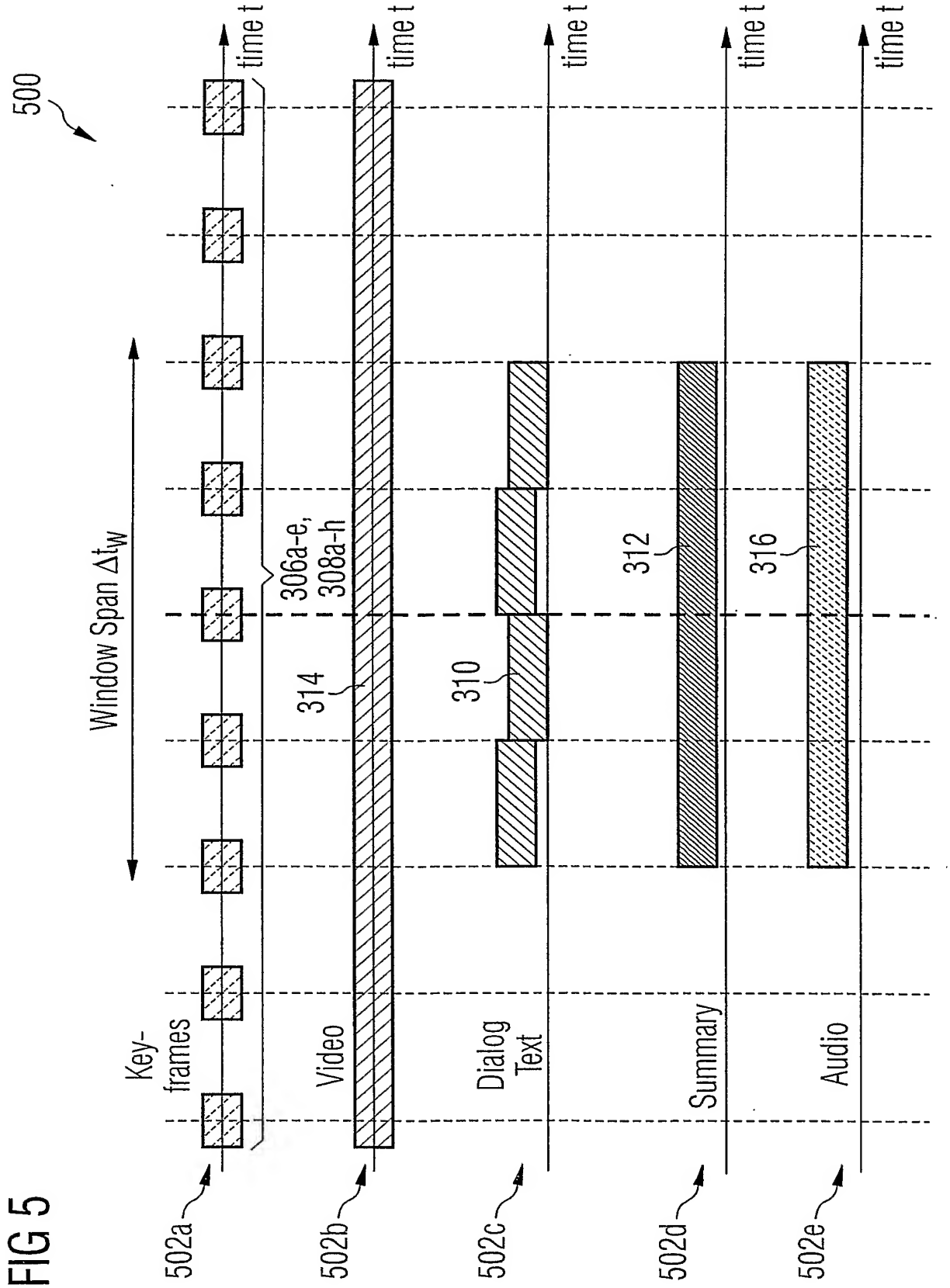

500
Window Span Δt_W
Key-frames
Video
Dialog Text
Summary
Audio
time t
306a-e, 308a-h
314
310
312
316
502a
502b
502c
502d
502e

FIG 5

FIG 6a

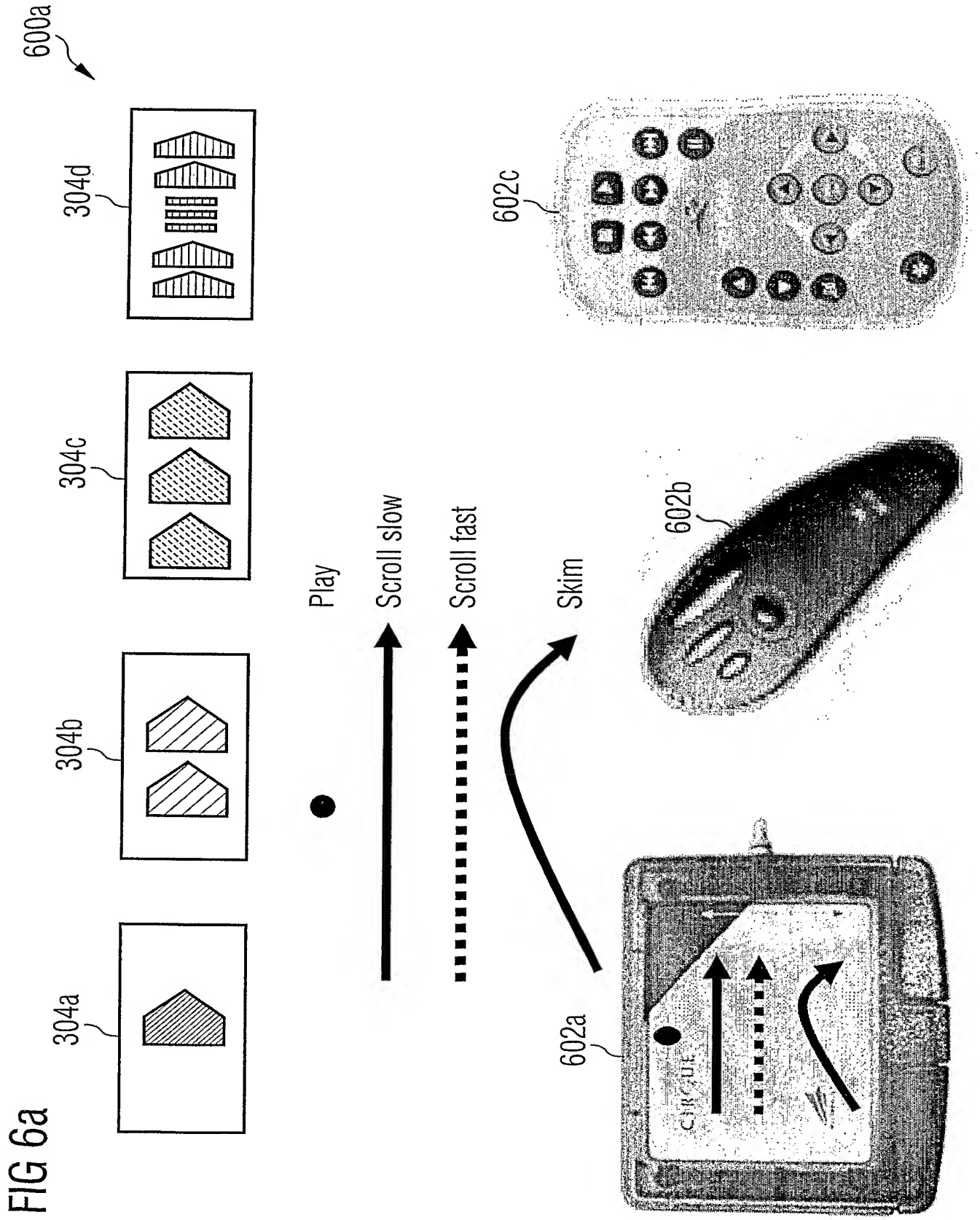

600a
304a
304b
304c
304d
Play
Scroll slow
Scroll fast
Skim
602a
602b
602c

FIG 6b

312

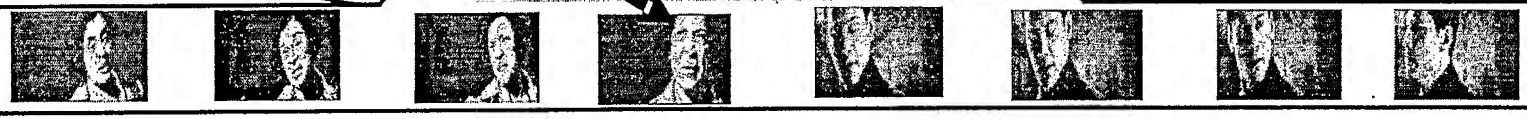
Neo, searching for the Oracle in the matrix, meets a martial art fighter (human or program?) that brings him through a corridor with cyber doors. Every door is a gate to the matrix, behind one of them Neo enters in a suburb playground, where he finds the Oracle feeding some pigeons.

Neo talks with the Oracle about the nature of the Oracle itself and about some dreams he had and he cannot understand.
Is the Oracle part of the system? What is her function?
Can Neo trust the Oracle?
The conversation runs around the matrix nature.
What is the future of Sion? Who is the key master?
The Oracle invite Neo to look for the Meroving.

Time is running out and the Oracle has to go away...
Agent Smith appears.
Something has changed in his behavior.

302 — 8 minutes

308a-h



310

Oracle
Oh, of course you have. Every time you've heard someone say they saw a ghost or an angel. Every story you've ever heard about vampires, werewolves, or aliens. It's the system assimilating some program that's doing something they're not supposed to be doing.

Neo
Programs hacking programs. Why?

Oracle
They have their reasons, but usually a program chooses exile when it face deletion.

Neo
And why would a program be deleted?

Oracle
Maybe it breaks down. Maybe a better program is created to replace it, happens all the time. And when it does, a program can either choose to hide here or return to the source.

Neo
The machine mainframe.

Oracle
Yes. Where you must go. Where the path of the One ends. You've seen it, in your dreams, haven't you? The door, made of light. What happens when you go through the door?

Neo
I see Trinity and something happens, something bad. She starts to fall, and then I wake up.

Oracle
Do you see her die?

Neo
No.

Oracle
You have the sight now, Neo, you are looking at the world without time.

Neo
Then why can't I see what happens to her?

600a

FIG 7d

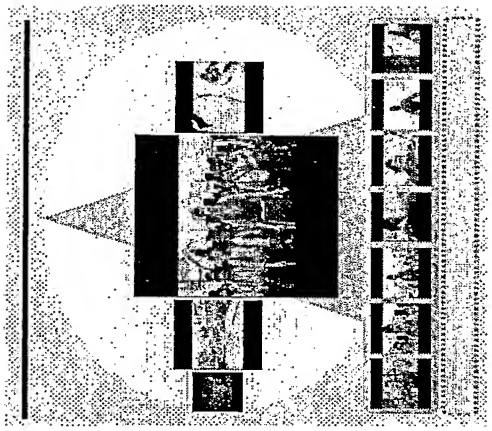


FIG 7c

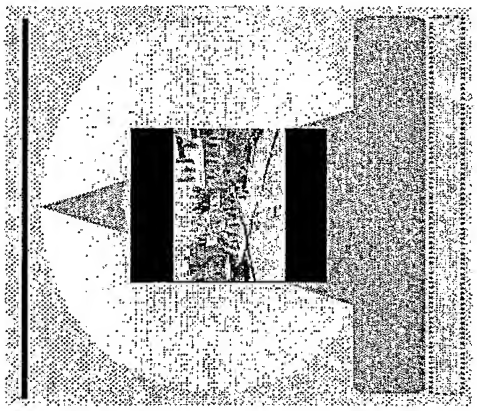


FIG 7b

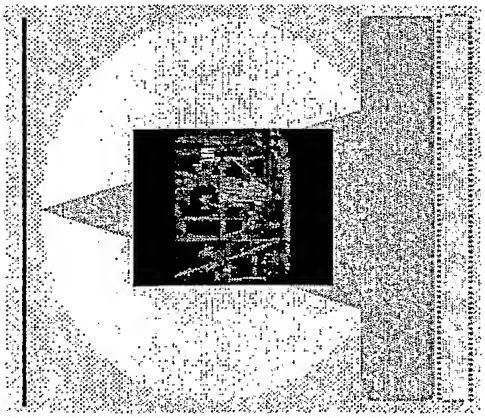
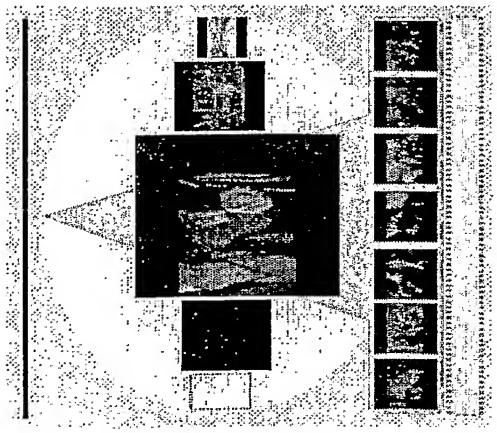


FIG 7a



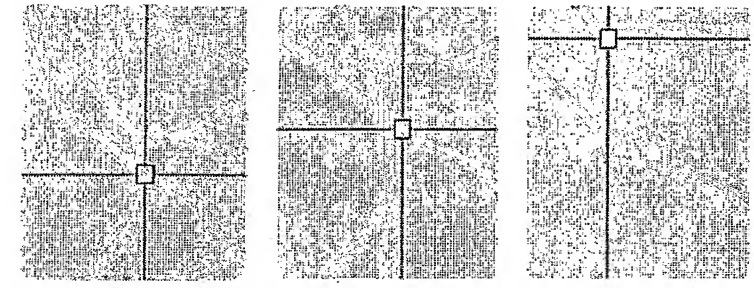


FIG 8c

FIG 8d

FIG 8e

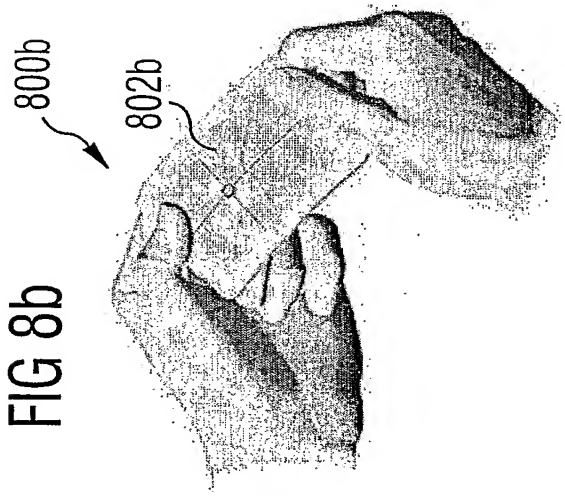


FIG 8b

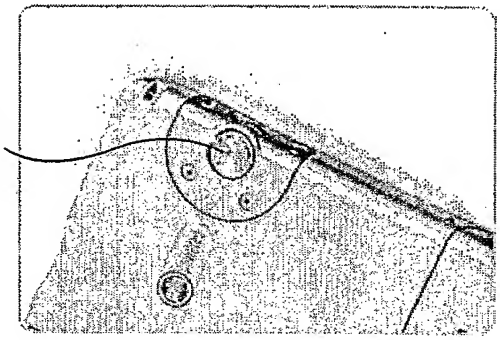


FIG 8f

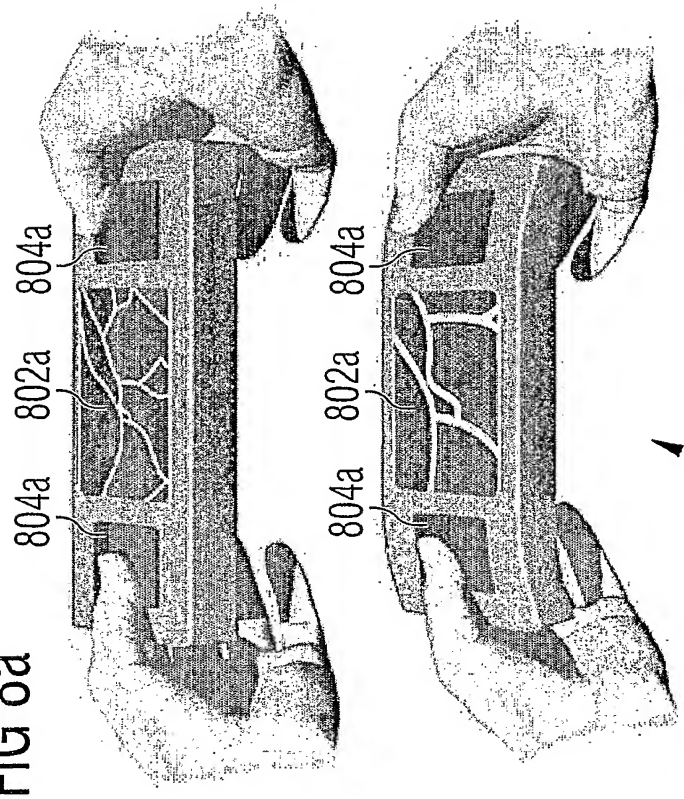
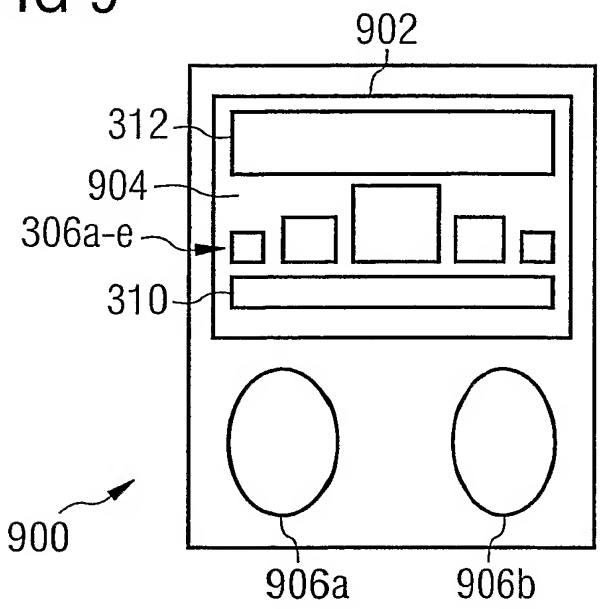
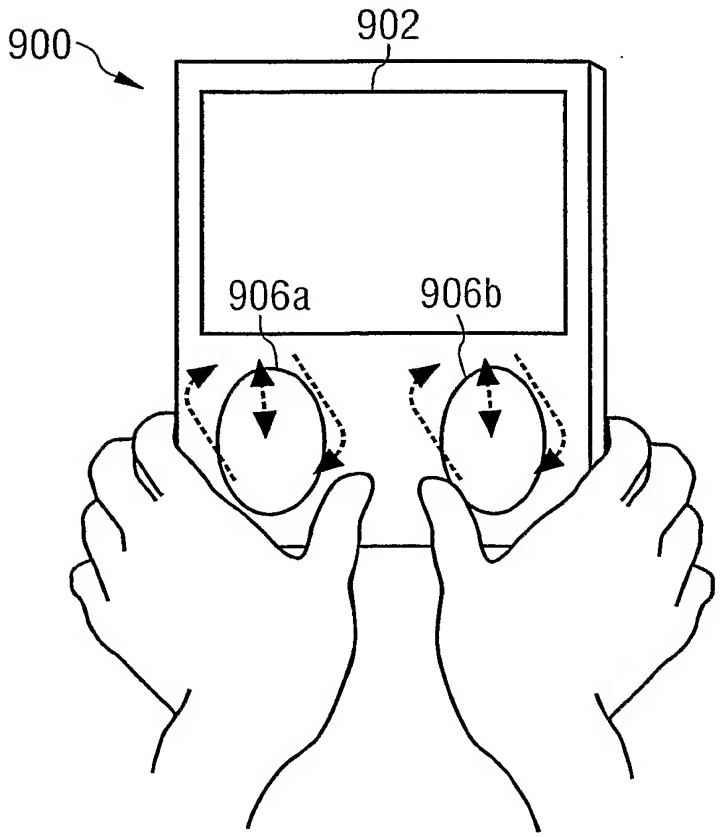


FIG 8a

FIG 9





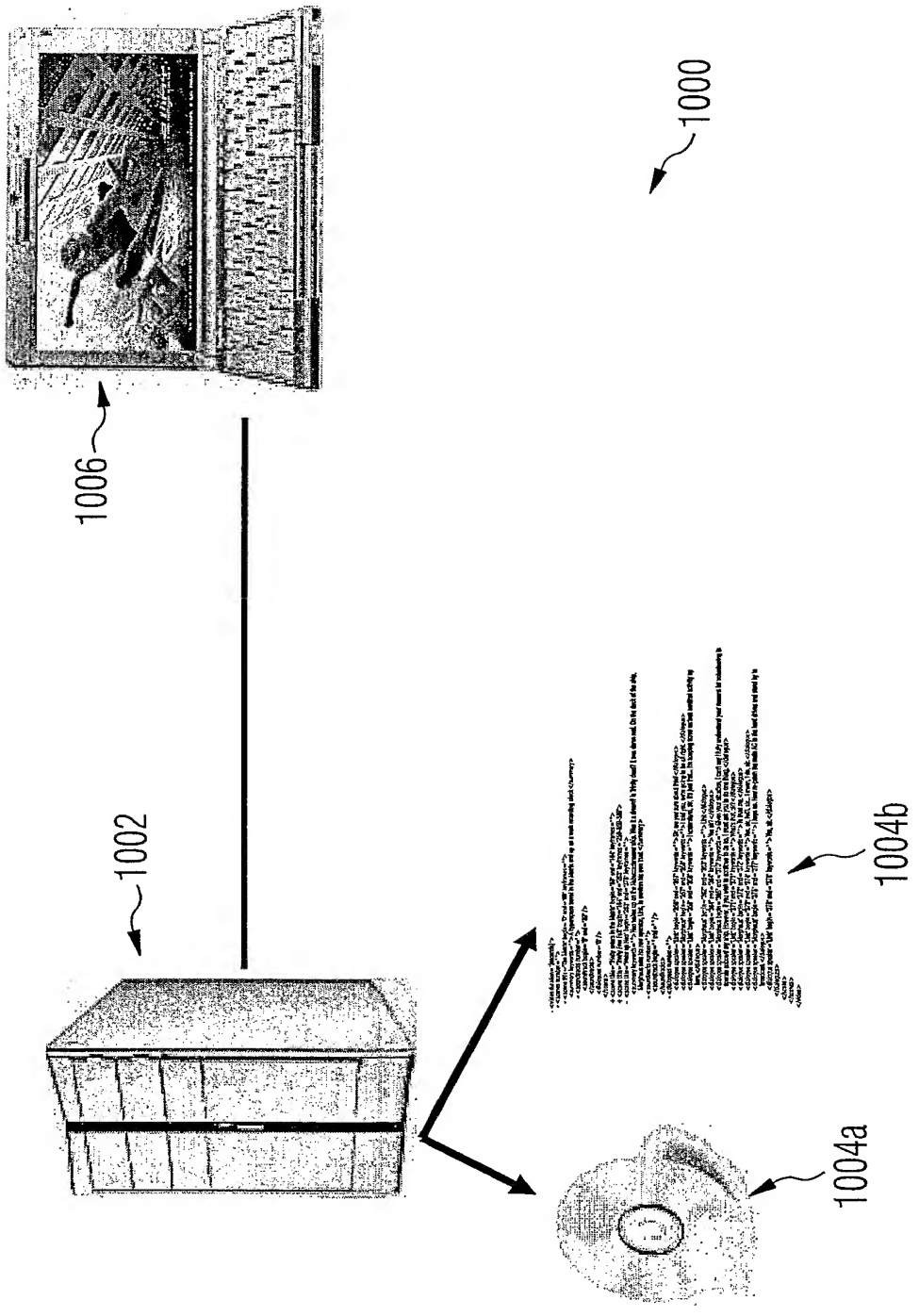


FIG 10

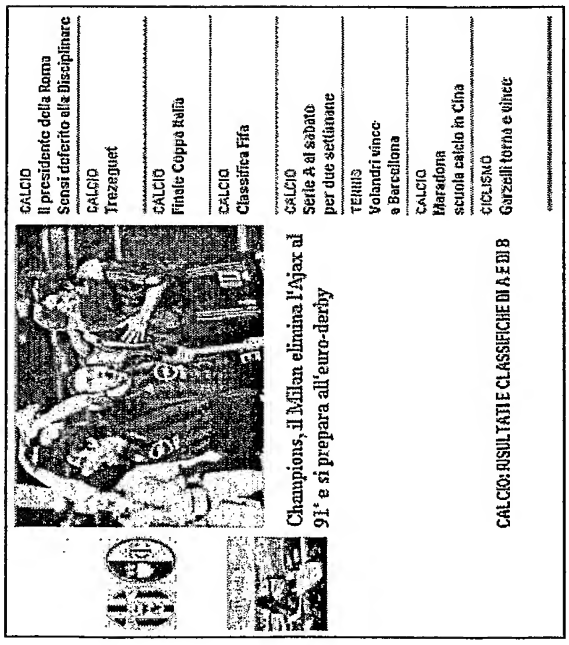


FIG 11b

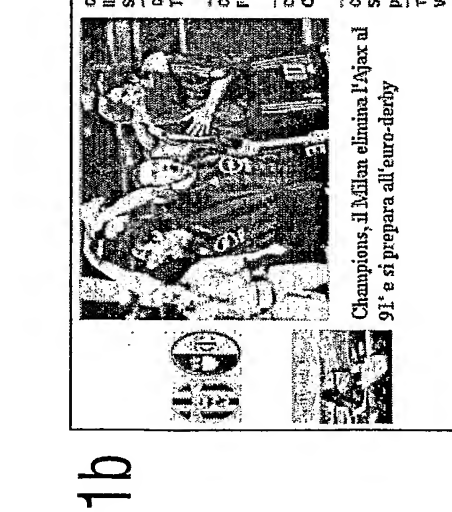


FIG 11a

FIG 11c

FIG 12c

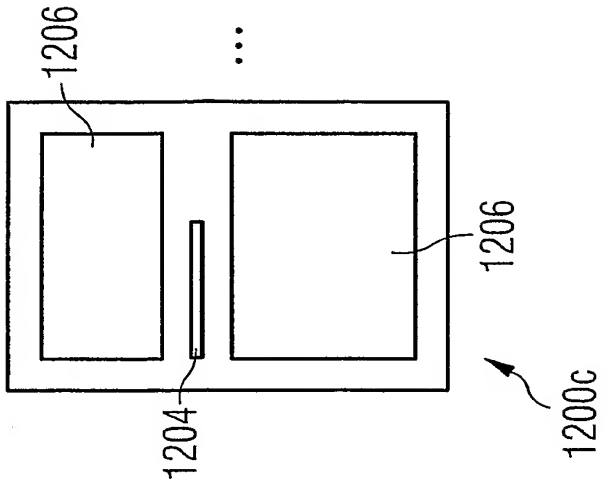


FIG 12b

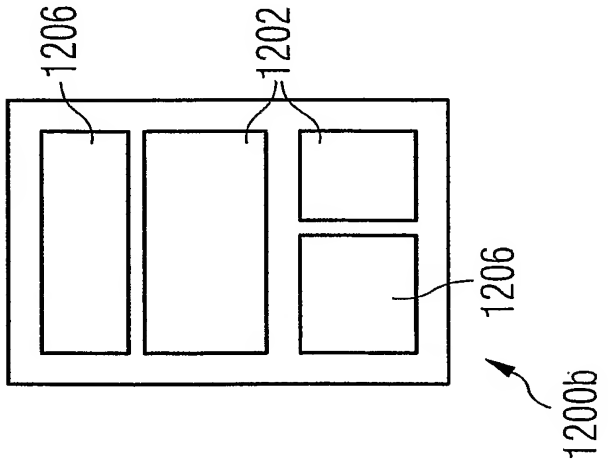


FIG 12a

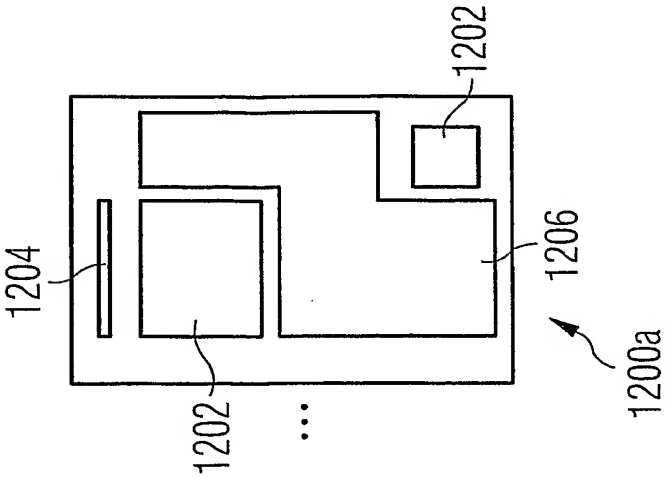


FIG 13

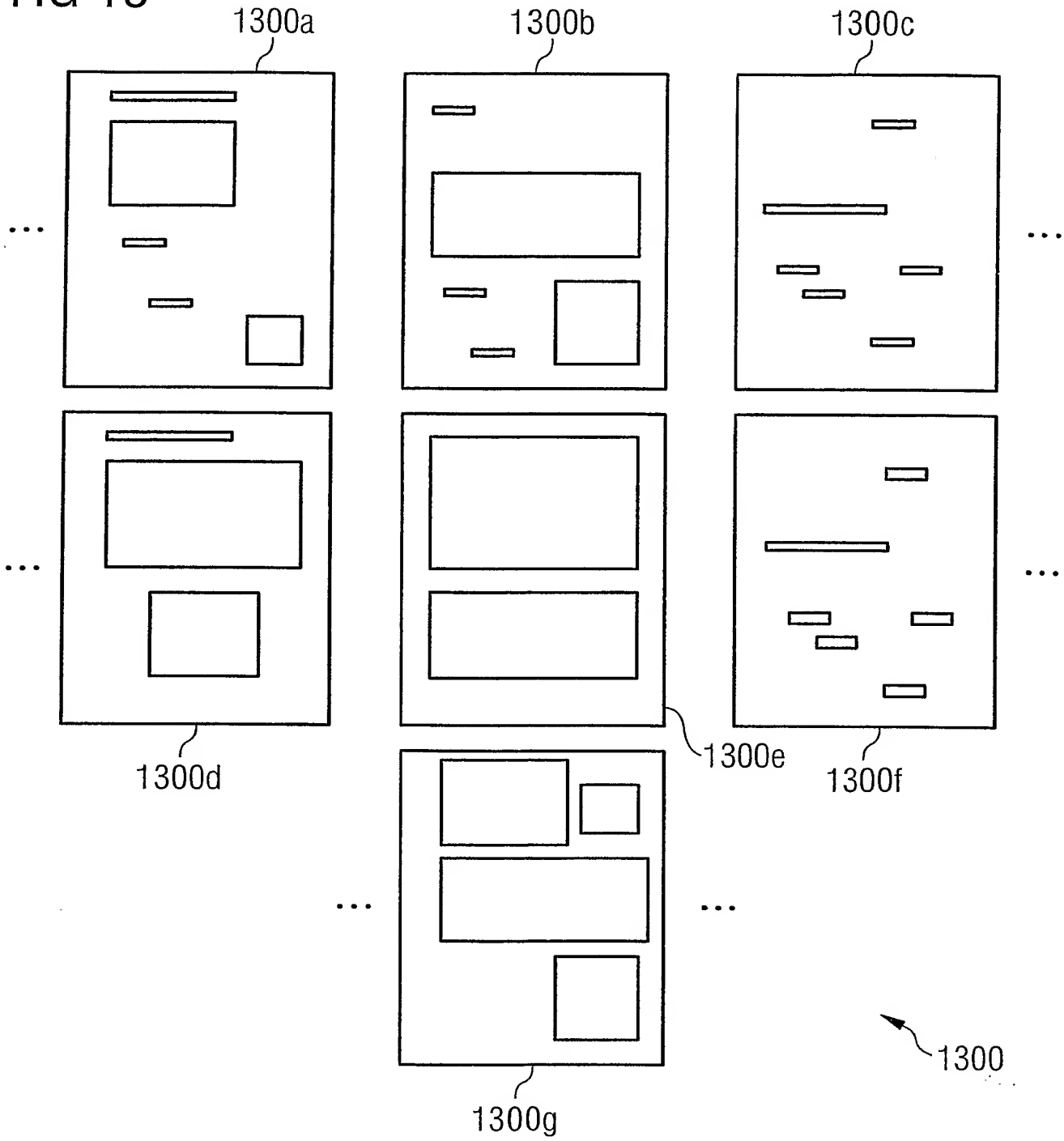


FIG 14

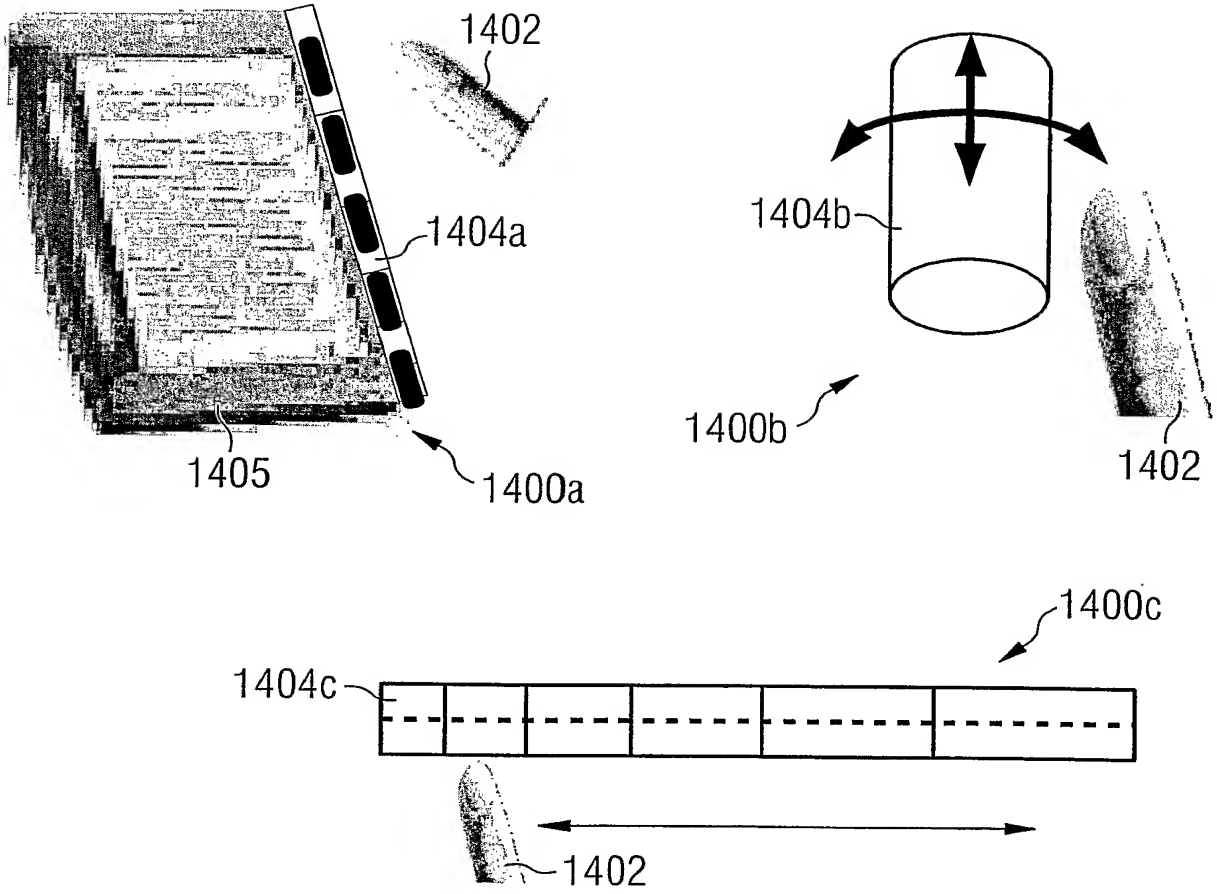


FIG 15

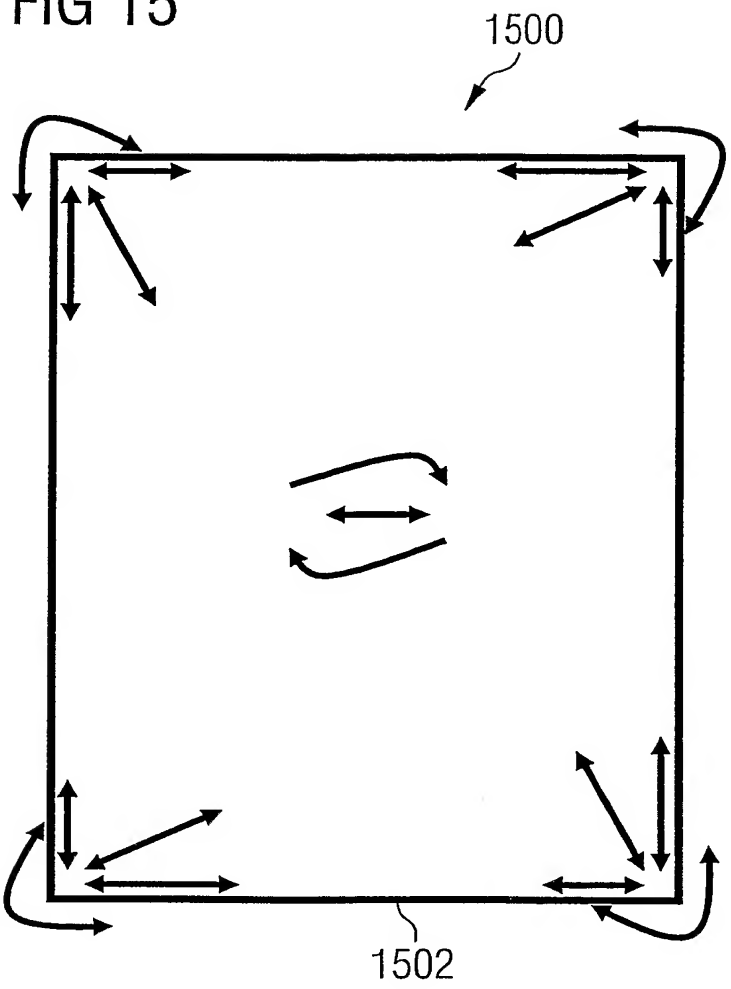


FIG 16

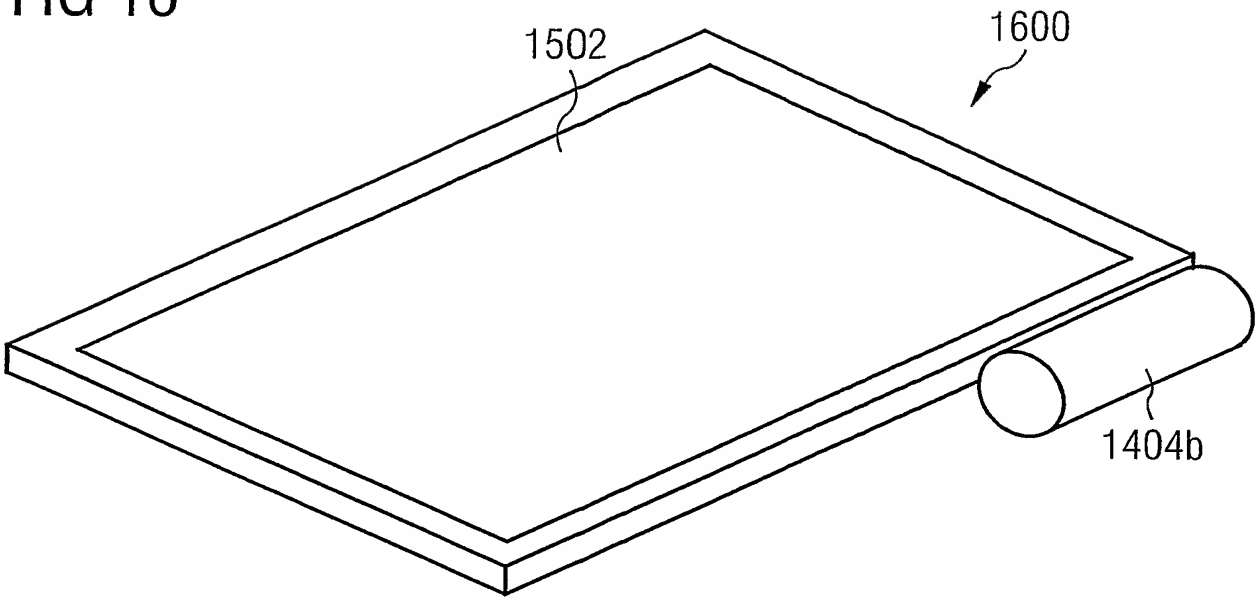
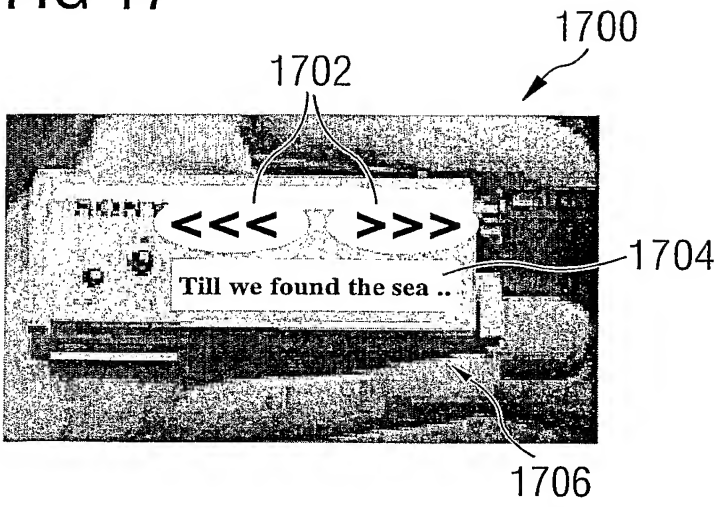
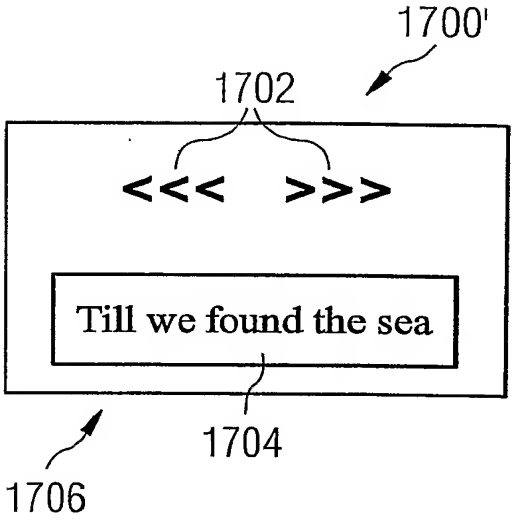


FIG 17





In the town where I was born
Lived a man who sailed to sea.
And he told us of his life
In the land of submarines.

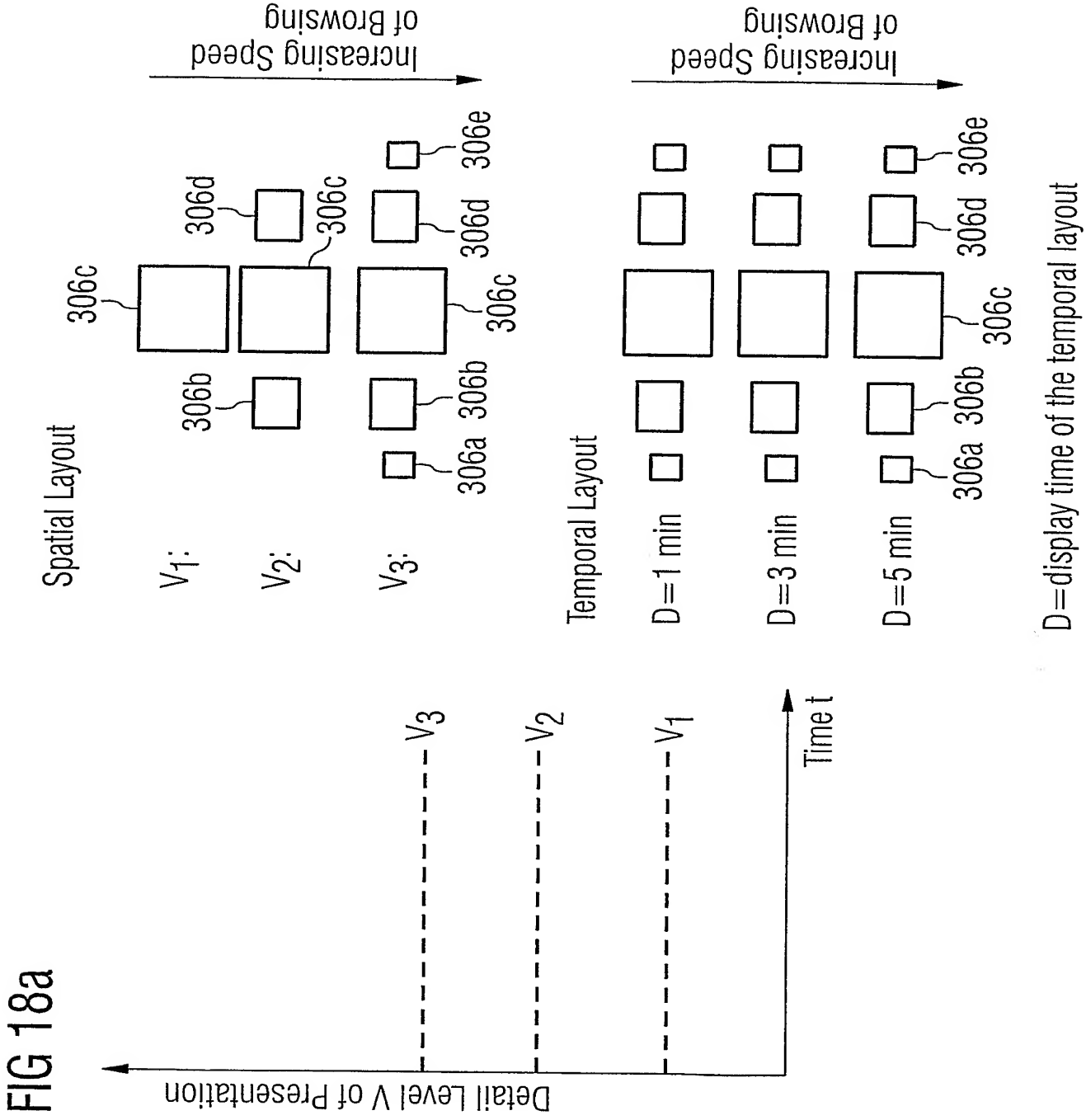
So we sailed up to the sun
Till we found the sea of green. ← 1004b
And we lived beneath the waves
In our yellow submarine.

We all live in our yellow submarine,
Yellow submarine, yellow submarine.
We all live in our yellow submarine,
Yellow submarine, yellow submarine.

And our friends are all on board –
Many more of them live next door.
And the band begins to play.

We all live in our yellow submarine,
Yellow submarine, yellow submarine.
We all live in our yellow submarine,
Yellow submarine, yellow submarine...

FIG 18a


Detail Level V of Presentation
Time t
V3
V2
V1
Spatial Layout
Increasing Speed of Browsing
V1:
V2:
V3:
306a
306b
306c
306d
306e
Temporal Layout
Increasing Speed of Browsing
D=1 min
D=3 min
D=5 min
D=display time of the temporal layout

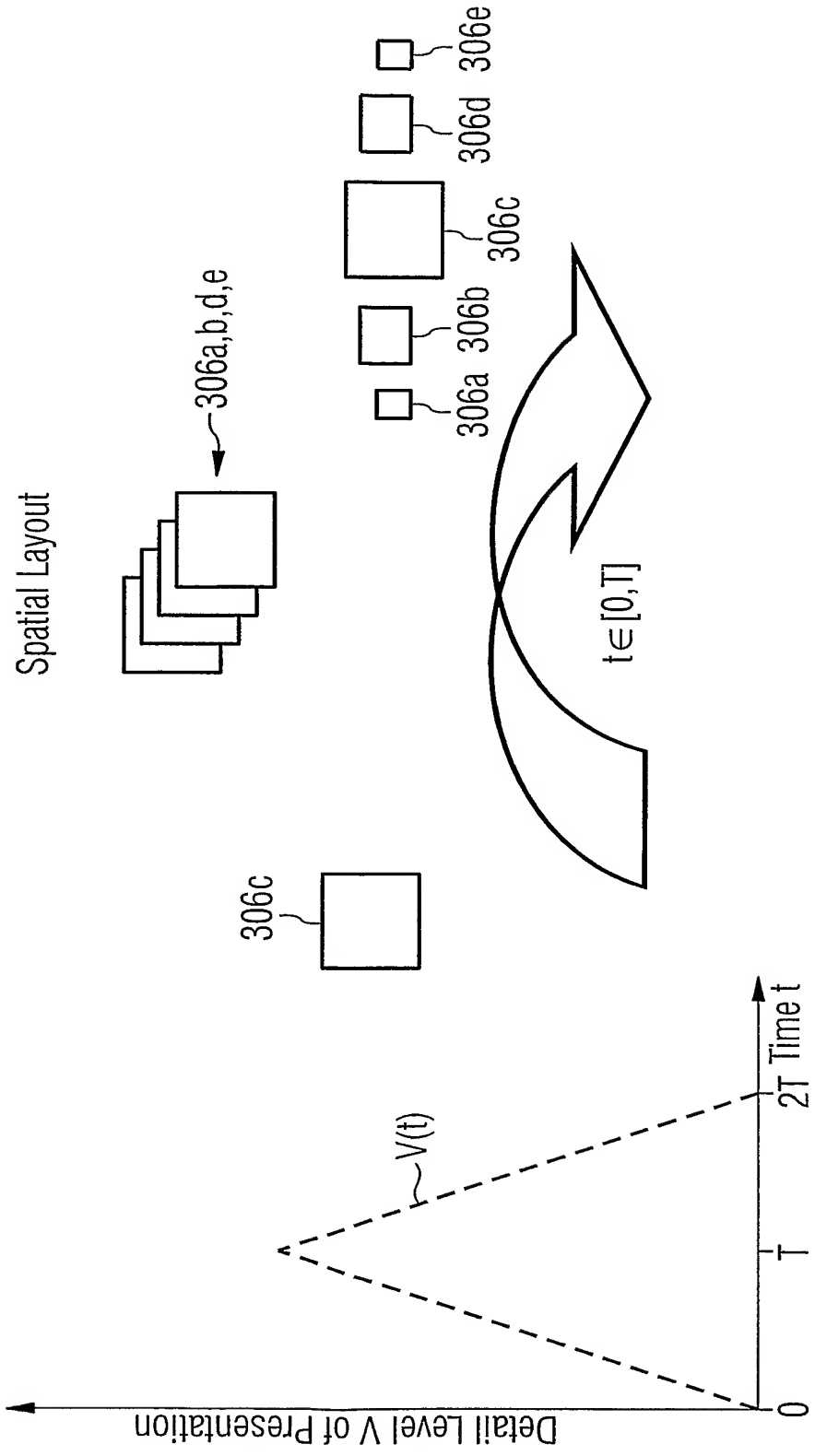

Detail Level V of Presentation
0
T
2T Time t
V(t)
306c
Spatial Layout
306a,b,d,e
306a
306b
306c
306d
306e
t∈[0,T]

FIG 18b